

PATENT CASE: JB01046P

(Joint)

ASSIGNMENT

For good and valuable consideration paid to us,

- 1) Donald Cook
- 2) Sergio A. Lira
- 3) Satwant K. Narula

Respectively residing at,

- 1) 10 Besler Avenue, Cranford New Jersey 07016
- 2) 5 Tree Top Lane, Chatham, New Jersey 07926
- 3) 26 Natalie Drive, West Caldwell, New Jersey 07926

by **SCHERING CORPORATION**, a corporation organized under the laws of the State of New Jersey, United States of America, having its principal office at 2000 Galloping Hill Road, Kenilworth, New Jersey 07033, United States of America, (hereinafter called "ASSIGNEE"), we each do hereby sell, assign and transfer to said ASSIGNEE each of our entire right, title and interest in all countries of the world in and to any and all of our inventions and discoveries in

Novel Uses of Mammalian GCR5 Receptors and Related Reagents

as described and/or claimed in our application for Letters Patent, executed on

_____ by _____
_____ by _____

and officially identified by the United States Patent and Trademark office* as Application No. 60/152,866 filed on September 8, 1999, in and to the right to file patent applications in the name of ASSIGNEE, its designee, or in any or all of our names, at its election, on the aforesaid inventions and discoveries in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified patent application under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement to which the United States now is or hereafter becomes a signatory, in and to any and all Letters Patent that issue on any of the aforesaid patent applications, and in and to any continuations, divisions, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said ASSIGNEE, its successors, assigns and other legal representatives, to the full ends of the terms for which a Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby covenant and agree that we will at any time, upon the request and at the expense of ASSIGNEE, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing inventions and discoveries, patent applications, and Letters Patent and continuations, divisions, reissues, renewals and extensions thereof in ASSIGNEE, its successors, assigns or other legal representatives, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and that we will, at any time, upon the request and the expense of ASSIGNEE, execute any additional or divisional applications for patents for said inventions and discoveries, or any part or parts thereof, and applications for patents of confirmation, registration and importation based on said Letters Patent and on Letters Patent issuing from said additional or divisional applications and reissues, renewals and extensions therefor, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

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*We hereby authorize ASSIGNEE to insert in this instrument the Application Number and the filing date of said application for Letters Patent when officially notified thereof.

Executed this 14th day of August, 2000.

D. Cook L.S.
Donald Cook

Executed this 15 day of August, 2000.

Sergio A. Lira L.S.
Sergio A. Lira

Executed this 15 day of August, 2000.

Salwant K. Narula L.S.
Salwant K. Narula

ACKNOWLEDGEMENT

State of NY)

County of Union) ss:

On this 15 day of August, 2000.

personally appeared before me, Donald Cook, to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Eileen Margaret Rankosky
Notary Public

Sworn to and subscribed before me this
15 day of August, 2000

ACKNOWLEDGEMENT

State of NY)

County of Union) ss:

On this 15 day of August, 2000.

personally appeared before me, Sergio A. Lira, to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Eileen Margaret Rankosky
Notary Public

EILEEN MARGARET RANKOSKY
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES SEPTEMBER 09, 2003

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PATENT CASE: JB01046P

ACKNOWLEDGEMENT

State of NY)

) ss:

County of Ulster)On this 15 day of August, 2000

personally appeared before me, Satwant K. Narula, to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Eileen Margaret Rankosky
Notary Public

EILEEN MARGARET RANKOSKY
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES SEPTEMBER 09, 2003

UNITED STATES
PATENT AND
TRADEMARK OFFICE

MAY 01, 2002

PTAS

Commissioner for Trademarks
Arlington, VA 22202-3513
www.uspto.govDNAX RESEARCH INSTITUTE
SHEELA MOHAN-PETERSON
901 CALIFORNIA AVENUE
PALO ALTO, CA 94304-1104

102009430A

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
SMITH, KATHLEEN M.

DOC DATE: 11/28/2001

ASSIGNOR:
ZLOTNIK, ALBERT

DOC DATE: 11/21/2001

ASSIGNEE:
SCHERING CORPORATION
2000 GALLOPING HILL ROAD
KENILWORTH, NEW JERSEY 07033SERIAL NUMBER: 09920318
PATENT NUMBER:FILING DATE: 07/31/2001
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Patent Department